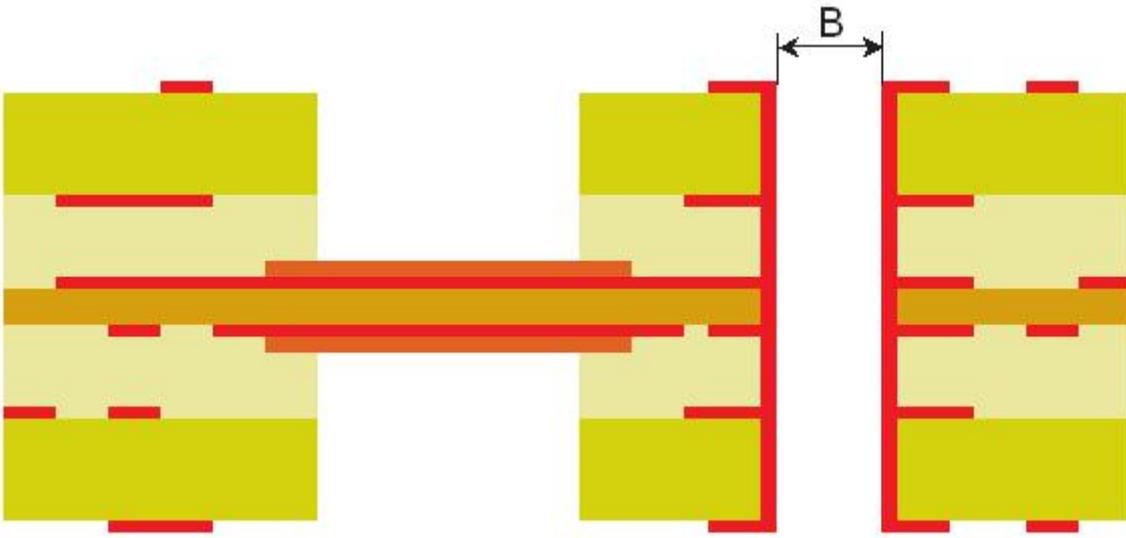


RIGID-FLEX DESIGN RULES

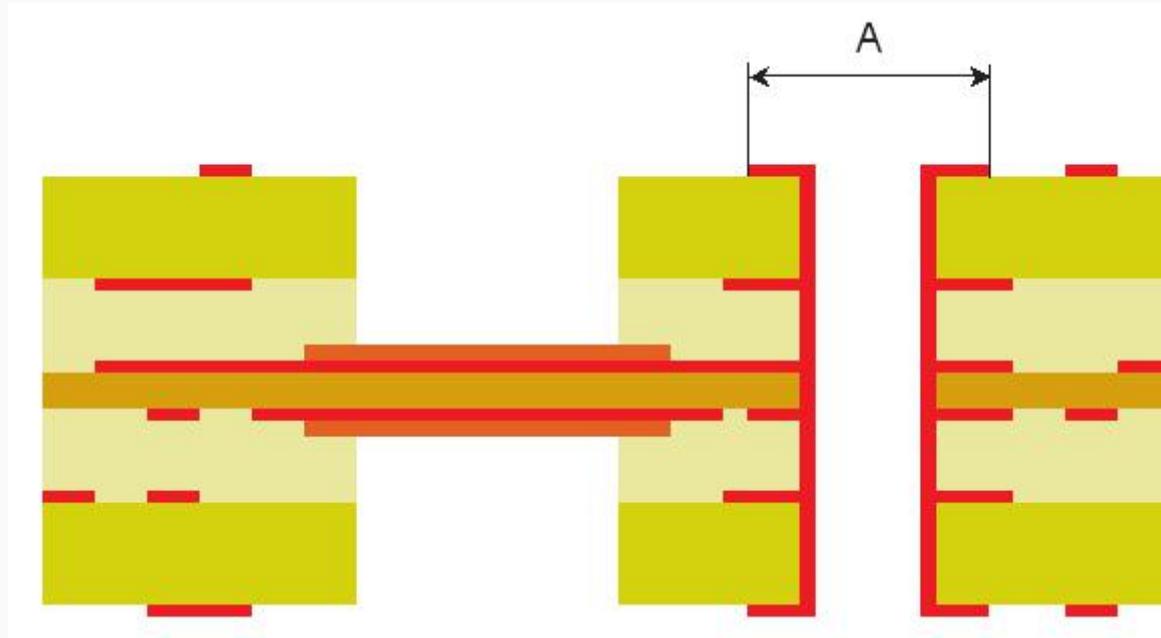
According IPC-6013

Last update: 2016-11-17

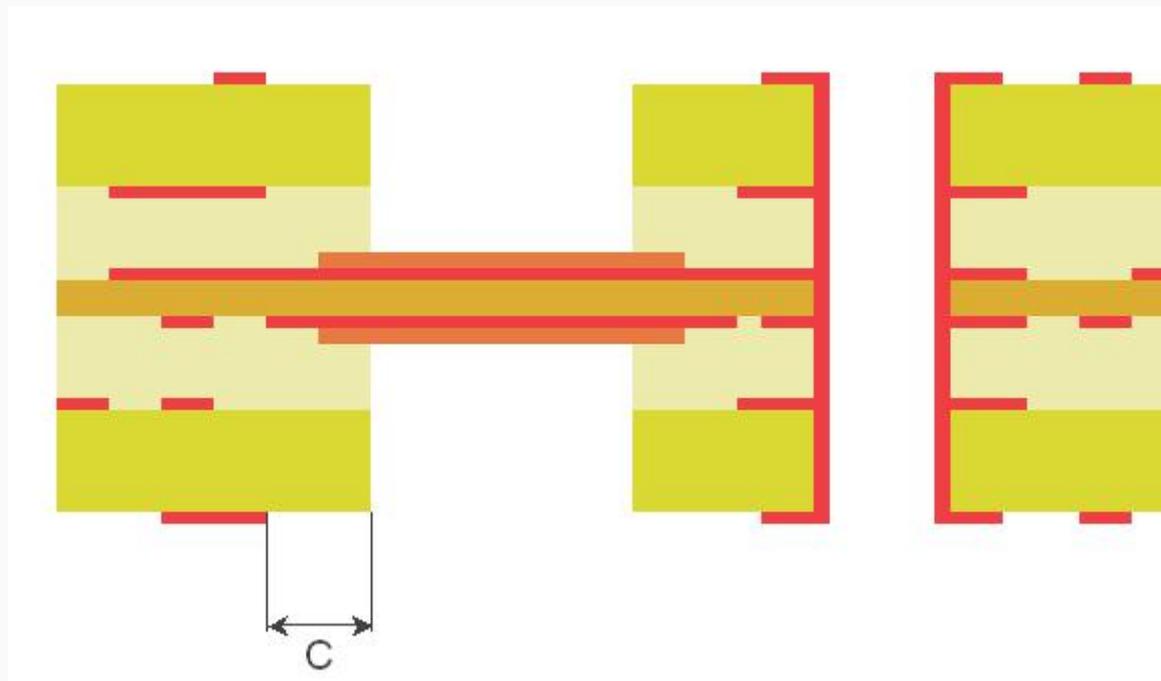
Units: Milimeters

Description	
minimum plated through hole B	 <p>The diagram illustrates a cross-section of a rigid-flex printed circuit board (PCB) with a plated through hole (PTH). The board consists of multiple layers: a top yellow layer, a middle light yellow layer, and a bottom yellow layer. A central hole is formed by a red vertical channel. A horizontal red line represents the plated through hole, which is wider in the middle section where it passes through the hole. A dimension line labeled 'B' indicates the minimum width of the plated through hole in the middle section. The hole is shown passing through the middle light yellow layer and the bottom yellow layer.</p>

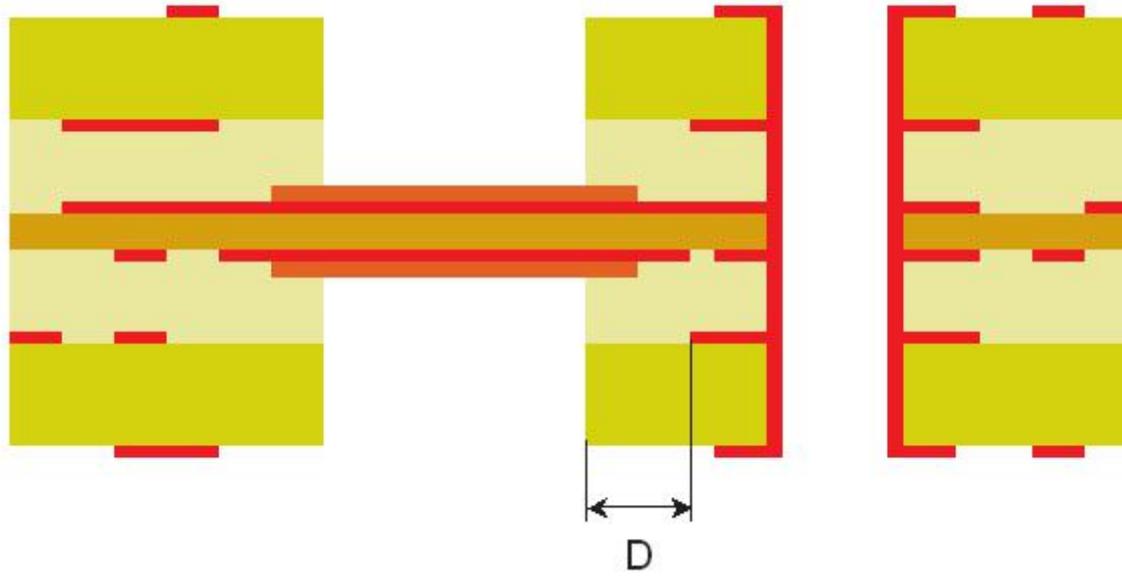
minimum
pad
diameter A



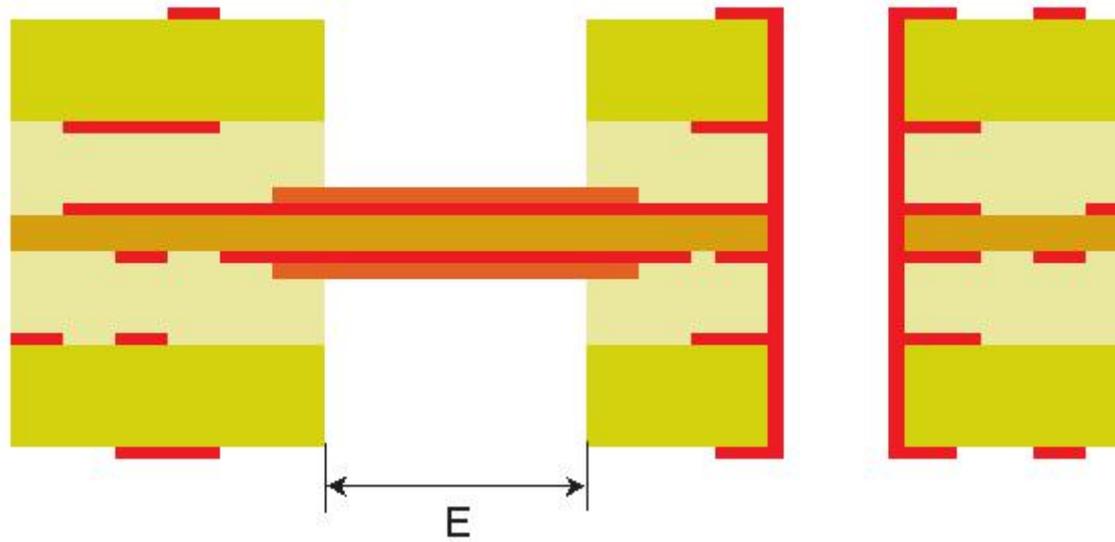
Copper
distance to
Rigid-flex
intersection



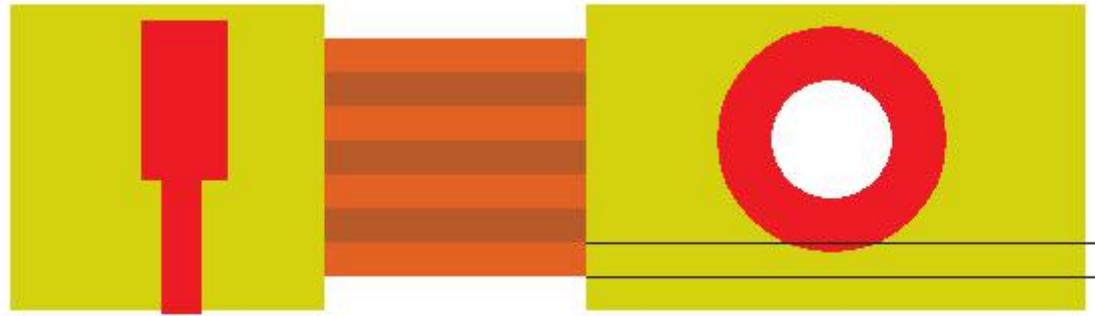
**Copper
distance to
Rigid-flex
intersection**



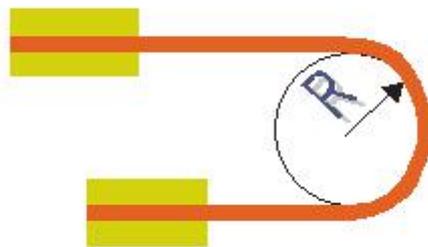
**minimum
length of
flex area**



**Distance
track-flex
outline**



**minimum
bending
radius**



**max.
quantity of
bending
cycles with
min.
bending
radius**

**Thickness
of flex
material**

**Cu
thickness of
flex layers**

**Thickness
of
coverlayer
IPC-4203/1**

**Max.
number of**

flex layers

General tolerances

Maximum PCB size

Minimum Signal inner layer annular ring